

NEWS

November 28, 2016 – Oslo, Norway

Nel Hydrogen hands over the first new generation fueling station to Uno-X Hydrogen in Norway

Last week, the first hydrogen fueling station of a planned countrywide network of 20 stations was inaugurated outside Oslo, Norway. The station features the latest H2Station[®] technology from Nel Hydrogen, offering the most compact, high-capacity hydrogen fueling solution on the market, and the first with mobile app payment. During spring 2017 a pressurized electrolyser will be installed to supply the station with renewable hydrogen from local PV solar power.



The new hydrogen station is located in Kjørbo, at the busiest highway in Norway, entering Oslo from the south, and just where a public transport/FCEV-dedicated car pool lane begins. This makes hydrogen an attractive choice for commuters, as they can fuel before entering the city via the car pool lane and avoid heavy traffic during rush hours. Furthermore, FCEVs are exempted from all taxes in Norway, making them competitive with conventional vehicles. The station is operated by Uno-X Hydrogen, a joint-venture between the retail energy company Uno-X, the gas company Praxair, and Nel Hydrogen as technology provider.

Uno-X Hydrogen plans to deploy 20 hydrogen fueling stations in Norway until 2020, building on experiences from a similar network deployment in Denmark. The network

will consist of dedicated greenfield hydrogen stations as well as hydrogen stations integrated into conventional Uno-X gasoline stations. The entire network will receive renewable hydrogen supplied by Praxair, using either onsite or centralized Nel Hydrogen electrolyzers.

This network deployment is made possible by the H2Station® technology from Nel Hydrogen, which provides a standardized solution consisting of prefabricated modules, allowing for fast and compact installation at both existing gas stations and greenfield locations.

The hydrogen dispenser has only one-third of the footprint compared to a conventional fuel dispenser, enabling its placement right next to gasoline and with supporting fueling equipment located up to 50 meters away. This provides optimal site integration flexibility.

As a first in the world, the dispenser offers convenient and reliable mobile payment, eliminating the need for a costly and weather sensitive physical credit card terminal.

The standard H2Station® provides both fast fueling of long-range FCEVs and high capacity similar to what is achieved with gasoline. This was demonstrated already within the first hour of opening the new Kjørbo hydrogen station, when seven vehicles were successfully fueled *back-to-back*.

The Kjørbo hydrogen station is supported by the County of Akershus and the national Enova program.

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About Nel Hydrogen | www.nelhydrogen.com

Nel Hydrogen is a global, dedicated hydrogen company, delivering optimal solutions to produce, store and distribute hydrogen from renewable energy. We serve industries, energy and gas companies with leading hydrogen technology. Since its foundation in 1927, Nel has a proud history of development and continual improvement of hydrogen plants. Our hydrogen solutions cover the entire value chain from hydrogen production technologies to manufacturing of hydrogen fueling stations, providing all fuel cell electric vehicles with the same fast fueling and long range as conventional vehicles today.

About Uno-X Hydrogen

Uno-X Hydrogen AS is a joint venture, owned by Uno-X, Praxair and NEL. The joint venture will build a network of hydrogen fuelling stations, where fuel cell electric vehicles (FCEVs) can operate between all the major cities in Norway. The stations will be deployed in cities like Oslo, Bergen, Trondheim, Stavanger, Kristiansand, along with corresponding corridor locations. The target is that FCEVs can drive between the most populated cities in Norway within 2020.